

Serial No. 10/662,485

PATENT  
Docket No. 56946.022800AMENDMENTS TO THE CLAIMS

**Claim 1 (Previously presented):** An electronic display for presenting airspeed data of an aircraft, comprising:

an electronic airspeed tape having a scrolling nonlinear scale emulating the view of a mechanical drum gauge;

wherein the mechanical drum gauge view is maintained upon scrolling of the tape to display a current value of the airspeed.

**Claim 2 (Original):** The electronic display of claim 1, wherein said airspeed data of an aircraft is centered on a showing of said nonlinear scale on said display.

**Claim 3 (Original):** The electronic display of claim 1, wherein said display is configured to emulate the view of a mechanical drum gauge in units of knots.

**Claim 4 (Original):** The electronic display of claim 3, wherein said airspeed data of an aircraft is centered on a showing of said nonlinear scale of 140 knots on said display.

**Claim 5 (Original):** The electronic display of claim 1, further comprising an indicated airspeed window showing the current airspeed of said aircraft.

**Claim 6 (Original):** The electronic display of claim 5, wherein said indicated airspeed window is comprised of a shaped pointer.

**Claim 7 (Original):** The electronic display of claim 5, wherein said indicated airspeed window is comprised of an enlarged display of at least a portion of said electronic airspeed tape.

**Claim 8 (Original):** The electronic display of claim 5, wherein said indicated airspeed window is comprised of a black background.

**Claim 9 (Original):** The electronic display of claim 1, wherein said nonlinear scale is configurable from a lower limit to an upper limit.

**Claim 10 (Original):** The electronic display of claim 9, wherein said lower limit is fixed.

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**Claim 11 (Original):** The electronic display of claim 9, wherein said upper limit is fixed.

**Claim 12 (Original):** The electronic display of claim 9, wherein said lower limit is 0 (zero) knots.

**Claim 13 (Original):** The electronic display of claim 9, wherein said configurable lower limit is bounded by 0 (zero) to 100 (one hundred) knots.

**Claim 14 (Original):** The electronic display of claim 9, wherein said upper limit is 999 knots.

**Claim 15 (Previously presented):** An electronic display for presenting altitude data of an aircraft, comprising:

an electronic altitude tape having a scrolling nonlinear scale emulating the view of a mechanical drum gauge;

wherein the mechanical drum gauge view is maintained upon scrolling of the tape to display a current value of the altitude.

**Claim 16 (Original):** The electronic display of claim 15, wherein said altitude data of an aircraft is centered on a showing of said nonlinear scale on said display.

**Claim 17 (Original):** The electronic display of claim 15, wherein said display is configured to emulate the view of a mechanical drum gauge in units of feet.

**Claim 18 (Original):** The electronic display of claim 17, wherein said altitude data of an aircraft is centered on a showing of said nonlinear scale of 1,200 (one thousand and two hundred) feet of altitude on said display.

**Claim 19 (Original):** The electronic display of claim 15, wherein said display is configured to emulate the view of a mechanical drum gauge in units of meters.

**Claim 20 (Original):** The electronic display of claim 19, wherein said altitude data of an aircraft is centered on a showing of said nonlinear scale measured in meters approximately equivalent to 1,200 feet of altitude on said display.

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**Claim 21 (Original):** The electronic display of claim 15, wherein display is configurable to emulate the view of a mechanical drum gauge in units of feet or in units of meters

**Claim 22 (Original):** The electronic display of claim 15, further comprising an indicated altitude window showing the current altitude of said aircraft.

**Claim 23 (Original):** The electronic display of claim 22 wherein said indicated altitude window is comprised of an enlarged display of at least a portion of said electronic altitude tape.

**Claim 24 (Original):** The electronic display of claim 22, wherein said indicated altitude window is comprised of a numeric display of the current altitude of said aircraft.

**Claim 25 (Original):** The electronic display of claim 24, wherein said numeric display is an electronic emulation of a mechanical rolling numeric display.

**Claim 26 (Original):** The electronic display of claim 22, wherein said indicated altitude window is comprised of a black background.

**Claim 27 (Previously presented):** An electronic display for presenting heading data of an aircraft, comprising:

an electronic heading tape having a scrolling nonlinear scale emulating the view of a mechanical drum gauge;

wherein the mechanical drum gauge view is maintained upon scrolling of the tape to display a current heading.

**Claim 28 (Original):** The electronic display of claim 27, wherein said electronic heading tape emulation of the view of a mechanical drum gauge is comprised of text markings of "N", "W", "S", and "E" at 360.degree., 270.degree., 180.degree., and 90.degree. headings, respectively.

**Claim 29 (Original):** The electronic display of claim 27, further comprising a heading window showing the current heading of said aircraft.

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**Claim 30 (Original):** The electronic display of claim 29, wherein said current heading of said aircraft is selected from the group consisting of true heading and magnetic heading.

**Claim 31 (Original):** The electronic display of claim 29, wherein said showing the current heading of said aircraft is comprised of a "T" to indicate a display of true heading of said aircraft.

**Claim 32 (Original):** The electronic display of claim 29, wherein said heading window is comprised of a shaped pointer.

**Claim 33 (Original):** The electronic display of claim 29, wherein said heading window is comprised of an enlarged display of at least a portion of said electronic heading tape.

**Claim 34 (Original):** The electronic display of claim 29, wherein said heading window is comprised of a numeric display of the current heading of said aircraft.

**Claim 35 (Original):** The electronic display of claim 29, wherein said heading window is comprised of a black background.

**Claim 36 (Previously presented):** An electronic display for presenting data of an aircraft, comprising:

an electronic tape having a scrolling nonlinear scale emulating the view of a mechanical drum gauge;

wherein the mechanical drum gauge view is maintained upon scrolling of the tape to display a current value of the data.

**Claim 37 (Original):** The electronic display of claim 36, further comprising a window showing the current data of said aircraft.

**Claim 38 (Original):** The electronic display of claim 37, wherein said window is comprised of a shaped pointer.

**Claim 39 (Original):** The electronic display of claim 37, wherein said window is comprised of a numeric display of the current data of said aircraft.

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**Claim 40 (Original):** The electronic display of claim 37, wherein said window is comprised of a black background.

**Claim 41 (New):** An electronic display presenting data of an aircraft, the display comprising:  
an electronic tape having a scrolling nonlinear scale having moving scale tick marks, wherein current data is shown at a middle portion of the electronic tape and spacing between the scale marks decreases nonlinearly as the distance of the scale tick marks from the middle portion increases thereby emulating a mechanical drum gauge to a viewer.

**Claim 42 (New):** The display of claim 41 wherein the data presented is dynamic heading data.

**Claim 43 (New):** The display of claim 41 wherein the data presented is dynamic altitude data.